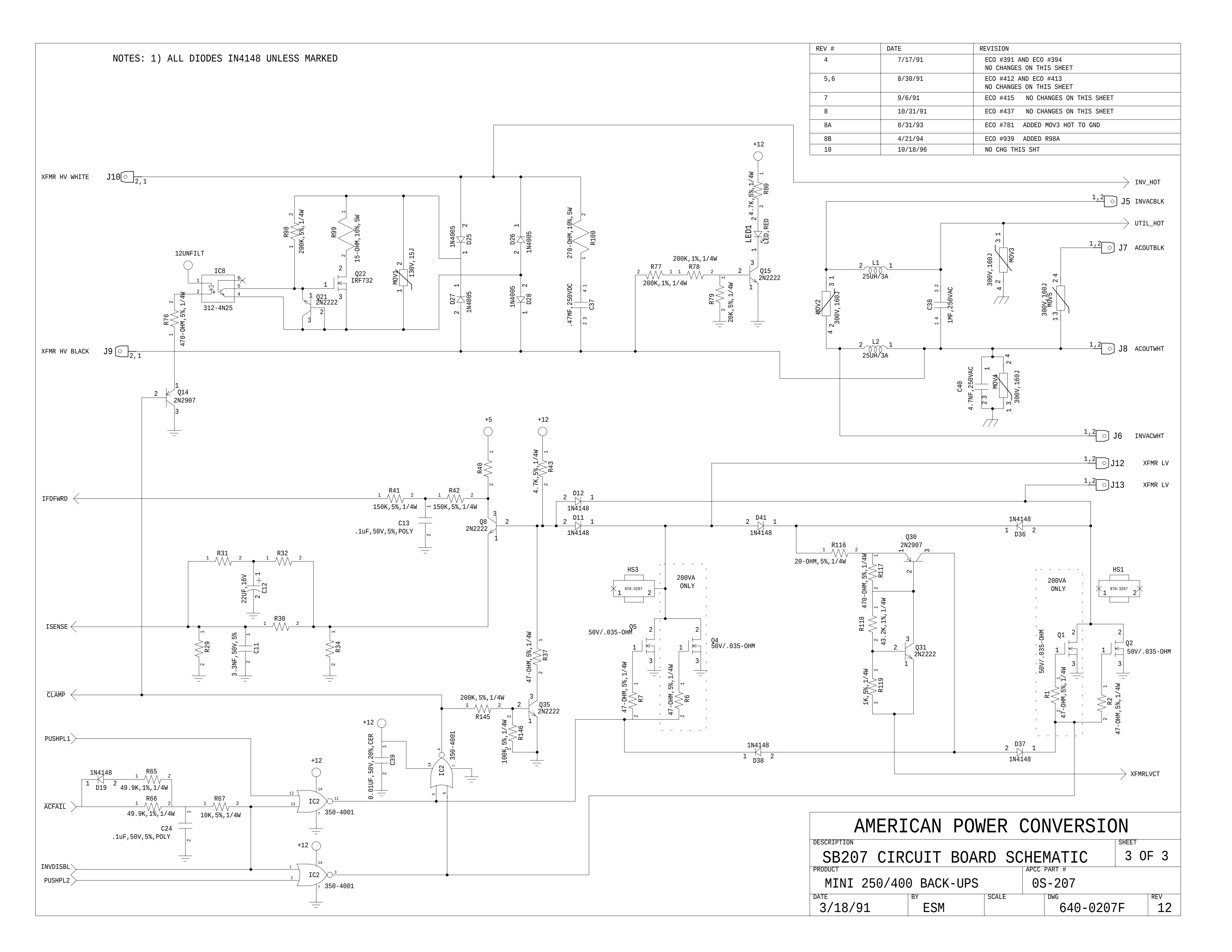


NOTES: 1) ALL DIODES IN4148 UNLESS MARKED
REV #
DATE
REVISION
4
7/17/91
ECO #391 AND ECO #394
NO CHANGES ON THIS SHEET
5,6
8/30/91
ECO #412 AND ECO #413
NO CHANGES ON THIS SHEET
7
9/6/91
ECO #415 NO CHANGES ON THIS SHEET
8
10/31/91
ECO #437 NO CHANGES ON THIS SHEET
8A
8/31/93
ECO #781 ADDED MOV3 HOT TO GND
8B
4/21/94
ECO #939 ADDED R98A
10
10/18/96
NO CHG THIS SHT
XFMR HV WHITE
J10
XFMR HV BLACK
J9
12UNFILT
IC8
312-4N25
R76
470-OHM,5%,1/4W
Q14
2N2907
R98
200K,5%,1/4W
Q21
2N2222
R99
15-OHM,10%,5W
Q22
IRF732
MOV1
130V,15J
1N4005
D25
D27
D26
D28
270-OHM,10%,5W
R100
.47MF,250VDC
C37
R77
200K,1%,1/4W
R78
200K,1%,1/4W
R79
20K,5%,1/4W
+12
R80
4.7K,5%,1/4W
LED1
LED,RED
Q15
2N2222
INV_HOT
J5
INVACBLK
UTIL_HOT
J7
ACOUTBLK
L1
25UH/3A
L2
25UH/3A
MOV2
300V,160J
C38
1MF,250VAC
MOV3
300V,160J
MOV5
300V,160J
J8
ACOUTWHT
C40
4.7NF,250VAC
MOV4
300V,160J
J6
INVACWHT
J12
XFMR LV
J13
XFMR LV
+5
R40
R43
4.7K,5%,1/4W
IFDFWRD
R41
150K,5%,1/4W
R42
150K,5%,1/4W
C13
.1uF,50V,5%,POLY
Q8
2N2222
D12
1N4148
D11
1N4148
D41
1N4148
D36
1N4148
R31
R32
22UF,16V
C12
ISENSE
R30
R29
3.3NF,50V,5%
C11
R34
HS3
870-3267
200VA
ONLY
Q5
50V/.035-OHM
Q4
50V/.035-OHM
R7
47-OHM,5%,1/4W
R6
47-OHM,5%,1/4W
R116
20-OHM,5%,1/4W
Q30
2N2907
R117
470-OHM,5%,1/4W
R118
43.2K,1%,1/4W
Q31
2N2222
R119
1K,5%,1/4W
HS1
870-3267
200VA
ONLY
Q1
50V/.035-OHM
Q2
50V/.035-OHM
R1
47-OHM,5%,1/4W
R2
47-OHM,5%,1/4W
R37
47-OHM,5%,1/4W
CLAMP
R145
200K,5%,1/4W
Q35
2N2222
R146
100K,5%,1/4W
D38
1N4148
D37
1N4148
XFMRLVCT
PUSHPL1
C39
0.01UF,50V,20%,CER
IC2
350-4001
D19
1N4148
R65
49.9K,1%,1/4W
R66
49.9K,1%,1/4W
ACFAIL
R67
10K,5%,1/4W
C24
.1uF,50V,5%,POLY
INVDISBL
PUSHPL2
AMERICAN POWER CONVERSION
DESCRIPTION
SB207 CIRCUIT BOARD SCHEMATIC
SHEET
3 OF 3
PRODUCT
MINI 250/400 BACK-UPS
APCC PART #
0S-207
DATE
3/18/91
BY
ESM
SCALE
DWG
640-0207F
REV
12